

## WHAT IS CLAIMED IS:

1. A server, comprising:

a comparing means for comparing the amount of received load caused by received data transferred from plural clients with a designated value; and

5 a judging means for judging whether a part of said received data is discarded or not, wherein:

said server controls said received load caused by said received data transferred from said plural clients by said judged result.

2. A server in accordance with claim 1, wherein:

said designated value is set based on a receiving capacity of said server.

3. A server, comprising:

a shaper value setting means for setting a shaper value based on a receiving capacity of said server; and

5 a shaper means for comparing the amount of received load caused by received data transferred from plural clients and said shaper value, and judging whether a part of said received data transferred from said plural clients is discarded or not.

4. A server in accordance with claim 3, wherein:

said shaper means discards a part of said received data being exceeded said received load by said judged result.

5. A server in accordance with claim 4, wherein:

in case that said shaper judges that the amount of said received load exceeds said shaper value and discards a part of said received data, when a part of said received data (packet) is discarded by utilizing an

- 5 EPD (early packet discard), a remaining part of said packet is discarded early.

6. A server in accordance with claim 4, wherein:

- in case that said shaper judges that the amount of said received load exceeds said shaper value and discards a part of said received data, a part of said received data (packet) is discarded from a packet having low  
5 priority by utilizing a QoS (quality of service) based on the order of priority to each of said received data (packet).

7. A network system, comprising  
plural clients connecting to a network; and  
a server connecting to said plural clients through said network,  
wherein:

- 5 said server controls the amount of received load caused by the received data transferred from said plural clients.

8. A network system in accordance with claim 7, wherein  
said server compares the amount of said received load caused by said received data with a designated value and judges whether a part of said received data is discarded or not based on said judged result.

9. A network system in accordance with claim 8, wherein  
said designated value is set by a receiving capacity of said server.

10. A network system, comprising  
plural clients connecting to a network; and  
a server connecting to said plural clients through said network,  
wherein: said server, comprising:

03743843-122000

5 a shaper value setting means for setting a shaper value based on a receiving capacity of said server; and

a shaper means for comparing the amount of received load caused by received data transferred from plural clients and said shaper value, and judging whether a part of said received data transferred from said plural clients is discarded or not.

11. A network system in accordance with claim 10, wherein:  
said shaper discards a part of said received data when the amount of said received load exceeds said shaper value.

12. A network system in accordance with claim 10, wherein:  
in case that said shaper judges that the amount of said received load exceeds said shaper value and discards a part of said received data, when a part of said received data (packet) is discarded by utilizing an EPD, a remaining part of said packet is discarded early.

13. A network system in accordance with claim 10, wherein:  
in case that said shaper judges that the amount of said received load exceeds said shaper value and discards a part of said received data, a part of said received data (packet) is discarded from a packet having low priority by utilizing a QoS based on the order of priority to each of said received data (packet).

14. A received load control method at a network system in which a server connects to plural clients through a network, wherein: said server comprising the steps of:

setting a shaper value based on a receiving capacity of said server;

comparing the amount of received load caused by received data

transferred from said plural clients and said shaper value; and

discarding a part of said received data being exceeded said shaper value when the amount of said received load exceeds said shaper value.

15. A received load control method at a network system in which a server connects to plural clients through a network in accordance with claim 14, wherein: at said discarding a part of said receiving data,

in case that the amount of said received load exceeds said shaper value and a part of said received data is discarded, when a part of said received data (packet) is discarded by utilizing an EPD, a remaining part of said received data (packet) is discarded early.

16. A received load control method at a network system in which a server connects to plural clients through a network in accordance with claim 14, wherein: at said discarding a part of said receiving data,

in case that the amount of said received load exceeds said shaper value and a part of said received data is discarded, a part of said received data (packet) is discarded from a packet having low priority by utilizing a QoS based on the order of priority to each of said received data (packet).

17. A received load control method at a network system in which a server connects to plural clients through a network in accordance with claim 14, wherein: at said setting a shaper value,

said shaper value is set by equipment disposed at the outside.